BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Providing CC Road at A K Colony Singapura in Ward No. 11 (Kempunagara), Vidyaranyapura Sub Division.

Job No. 011-16-000049		P-1878					Estimate Cost Rs.	1911000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-12.2 : Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead and lead of 10000 meters complete as per specifications. lime/cement concrete, I.by manual means B. cement concrete grade M-15 & M-20. **No. 136 / Item No. 18.18 / PWD SR 2015-16**	Cum							
	Main Road		1	100.00	4.00	0.10	40.00		
			1	70.00	4.00	0.10	28.00		
			1	24.00	5.00	0.10	12.00		
			1	10.00	2.00	0.10	2.00		
			1	10.00	2.00	0.10	2.00		
							84.00	375.24	**31520.00**
	Basic Rate	354.00							
	Area Weightage @ 6%	21.24							
	Total	**375.24**							
2	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 141 / Item No. 19.1 / PWD SR 2015-16**	Cum							
	Desilting of Drains Main Road		1	100.00	0.45	0.30	13.50		
			1	70.00	0.45	0.30	9.45		
			1	24.00	0.45	0.30	3.24		
			1	10.00	0.45	0.30	1.35		
			1	10.00	0.45	0.30	1.35		
	Main Road		1	100.00	4.50	0.10	45.00		
			1	70.00	4.50	0.10	31.50		
			1	24.00	6.50	0.10	15.60		
			1	10.00	2.50	0.10	2.50		
			1	10.00	2.50	0.10	2.50		
							125.99	81.62	**10283.00**
	Basic Rate	77.00							
	Area Weightage @ 6%	4.62							
	Total	**81.62**							
3	Removing B.S Slab of Drain and stacking **Page No. 25 / Item No. 5.32 / PWD SR 2015-16**	Sqm							
			2	100.00		1.35	270.00		
			2	70.00		1.35	189.00		

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	24.00		1.35	64.80		
			2	10.00		1.35	27.00		
			2	10.00		1.35	27.00		
							577.80	63.72	**36817.00**
	Basic Rate	59.00							
	Area Weightage @ 8%	4.72							
	Total	**63.72**							
4	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2015-16**	Sqm							
			Qty Vide Item No. 2				**577.80**	78.84	**45554.00**
	Basic Rate	73.00							
	Area Weightage @ 8%	5.84							
	Total	**78.84**							
5	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2015-16**	Cum							
	Main Road		1	100.00	4.50	0.15	67.50		
			1	70.00	4.50	0.15	47.25		
			1	24.00	6.50	0.15	23.40		
			1	10.00	2.50	0.15	3.75		
			1	10.00	2.50	0.15	3.75		
							145.65	4976.70	**724856.00**
	Basic Rate	4695.00							
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15 / Item No. 4.31 / PWD SR 2015-16**	Sqm							
	Main Road		2	100.00		0.15	30.00		
			2	70.00		0.15	21.00		
			2	24.00		0.15	7.20		
			2	10.00		0.15	3.00		
			2	10.00		0.15	3.00		
							64.20	306.72	**19691.00**
	Basic Rate	284.00							
	Area Weightage @ 8%	22.72							
	Total	**306.72**							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2015-16**	Cum							
	Main Road		1	100.00	4.50	0.125	56.25		
			1	70.00	4.50	0.125	39.38		
			1	24.00	6.50	0.125	19.50		
			1	10.00	2.50	0.125	3.13		
			1	10.00	2.50	0.125	3.13		
							121.38	6332.04	**768551.00**
	Basic Rate	5863.00							
	Area Weightage @ 8%	469.04							
	Total	**6332.04**							
8	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **174 / Item No. 22.7 / PWD SR 2015-16**	Sqm							
	Main Road		1	100.00	4.50		450.00		
			1	70.00	4.50		315.00		
			1	24.00	6.50		156.00		
			1	10.00	2.50		25.00		
			1	10.00	2.50		25.00		
							971.00	97.20	**94381.00**
	Basic Rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	**97.20**							
9	Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., indluding cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement Page No. 175 / Item No. 22.8.1 / PWD SR 2015-16**	Rmt							
			10	4.50			45.00		
			6	4.50			27.00		
			3	6.50			19.50		
			1	2.50			2.50		
			1	2.50			2.50		
							96.50	124.20	**11985.00**

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	115.00							
	Area Weightage @ 8%	9.20							
	Total	**124.20**							
10	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**94.49**	100.08	**9457.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X11.90=30.46	30.46							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		92.66							
	Area Weightage @ 8%	7.41							
	Total	**100.08**							
	Sub Total								**1753095.00**
	KRIDL Charges @ 8%								**140248.00**
	QC Charges @ 1%								**17531.00**
	Miscesalaneous Charges								**126.00**
								Total	**1911000.00**

Rupees Nineteen Lakh(s) Eleven Thousand Only

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of PWD 2015-16.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

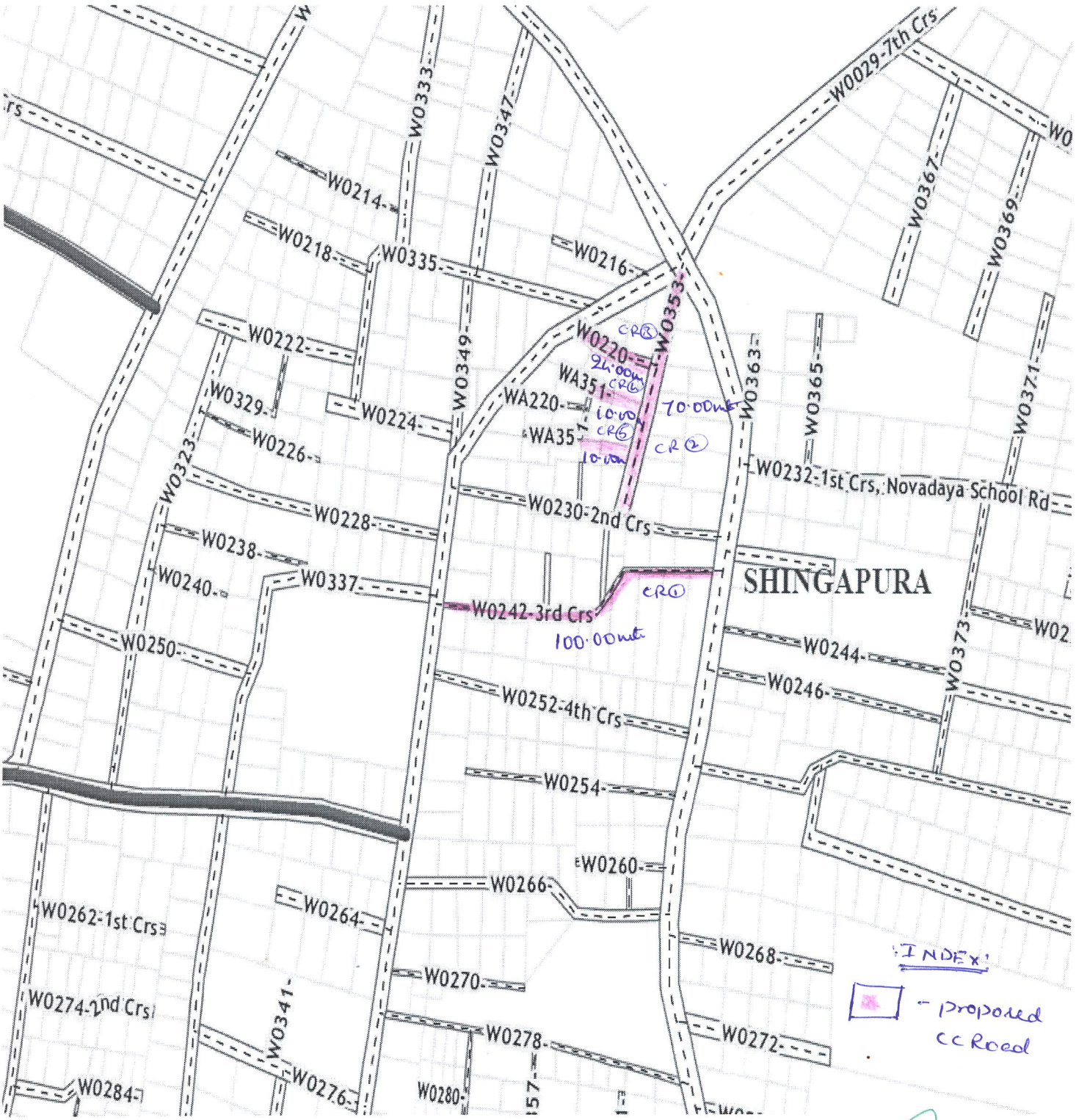
Executive Engineer 23/7/16
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval
Accorded For 19.11 lakh Rs.
Head of A/C.....P 1878.....
CER NO :.....10..... Dt:.. 25.07.2016

LTA CE (YNK)

TECHNICAL SANCTION
Accorded For Rs.....19.11 L.....
Head of A/c.....P-1878.....
Div. Ref. No. EE/BTP/TS.....Date 28/07/16
19/16-17
AE 28/07
EE(BTP) 29/7

Name of Work: Providing CC Road at A K Colony Singapura in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.



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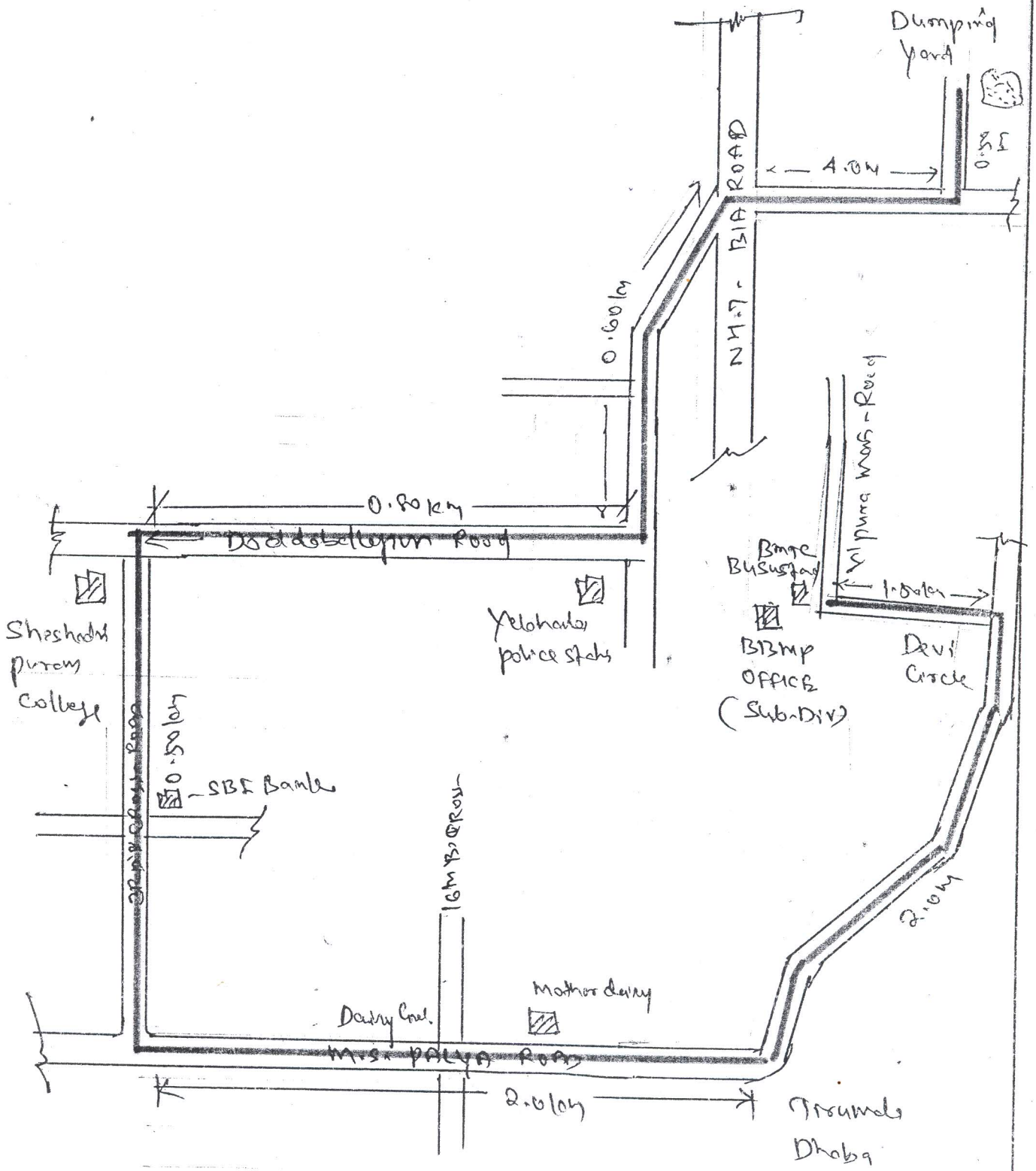
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-97

LEAD CHART FOR DUMPING-YARD FOR WARD NO



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯುದ್ವಿಭಾಗ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

Lead Statement for Srinivaspura Dumping Yard for Ward No. 11, Vidyaranyapura Sub Division.

Lead Distance

1.	From BBMP Sub Division office to Devi Circle	1.50 Kms
2.	From Devi Circle to Thirumala Daba	2.00 Kms
3.	From Thirumala Daba to 3rd Cross SBI Bank	2.00 Kms
4.	From 3rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5.	From Shesadripuram College to Police Station	0.80 Kms
6.	From Police Station to Kogilu Cross	0.60 Kms
7.	From Kogilu Cross to Srinivasapura	4.00 Kms
8.	From Srinivasapura to Dumping Yard	0.50 Kms
	Total	**11.90 Kms**

Certificate:

1. Certified that the Srinivasapura Dumping Yard us the approved dumping yard for ward no. 11 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 11.
3. The above distance is the shortest distance for calculating the lead.

Junior Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division
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ಬೃ ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97